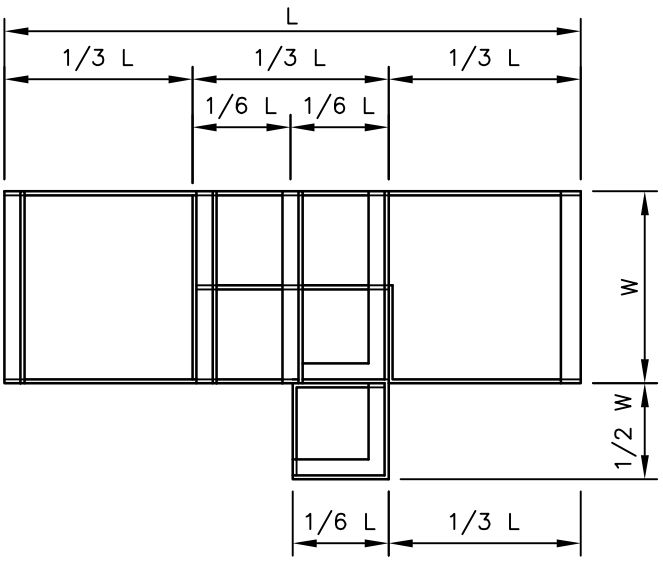
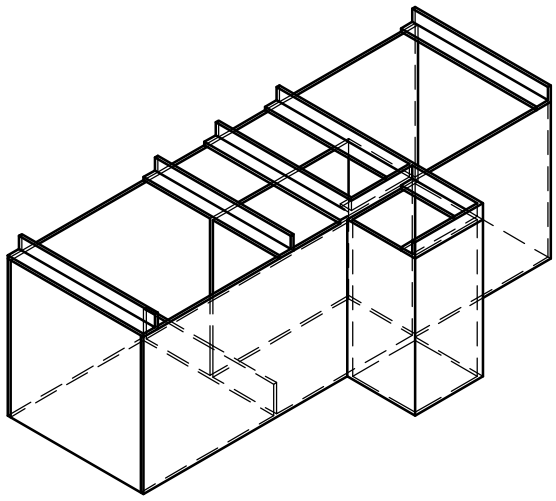
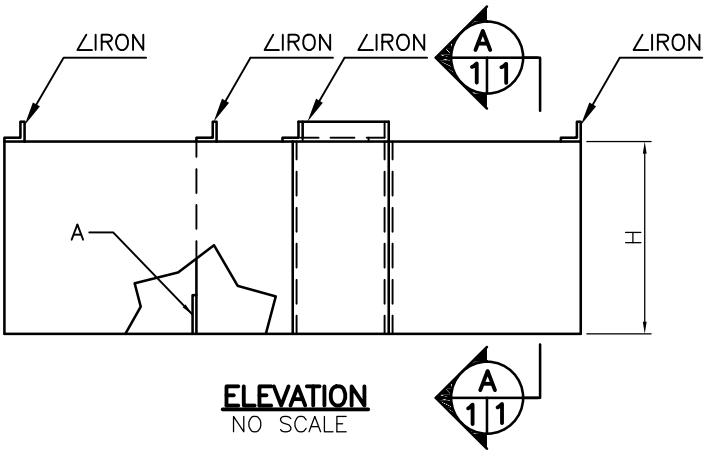


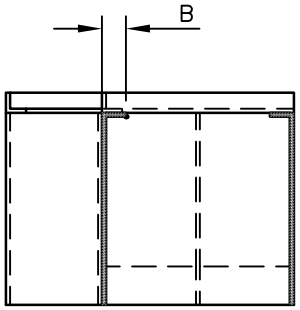
PLAN
NO SCALE



ISOMETRIC VIEW
NO SCALE



ELEVATION
NO SCALE



SECTION A 1 1
NO SCALE

NOTES:

1. WINGWELLS AND CUT–OFF MAY BE USED ON EACH END AND SIDE OUTLET.
2. THE BOX CAN BE CONSTRUCTED TO DIVIDE LEFT, RIGHT, OR BOTH BY ADDING ANOTHER WOODEN DIVIDING BOARD.
3. FOR BOXES 9.0' AND 12.0' LONG, PLACE ANGLE IRON ON THE SIDES AND BOTTOM AT BOTH ENDS AND IN THE MIDDLE IN ADDITION TO THAT SHOWN ON THE TOP.
4. STEEL SHALL CONFORM TO THE REQUIREMENTS OF CONSTRUCTION SPECIFICATIONS BI, METAL FABRICATION AND INSTALLATION.
5. STANDARD DESIGNS – MUST BE ADAPTED TO THE SPECIFIC SITE.
6. THE STRUCTURE SHALL CONFORM TO ENGINEERING STANDARD AND SPECIFICATIONS 587, STRUCTURE FOR WATER CONTROL

TABLE OF DIMENSIONS, CAPACITIES, AND QUANTITIES							
W	L	H	A	B	PLATE	ANGLE IRON	
SIZE FT.	SIZE FT.	SIZE FT.	SIZE FT.	SIZE IN.	# OF SQ. FT.	SIZE IN.	LENGTH FT.
1.0	3.0	1.0	0.2	$1\frac{1}{4}$	10.8	$1\frac{1}{4}$ X $1\frac{1}{4}$ X $\frac{1}{4}$	7.9
2.0	6.0	1.5	0.3	$1\frac{1}{4}$	33.2	$1\frac{1}{4}$ X $1\frac{1}{4}$ X $\frac{1}{4}$	13.4
3.0	9.0	2.0	0.4	2	71.5	2 X 2 X $\frac{1}{4}$	47.2
4.0	12.0	2.5	0.5	2	121.2	2 X 2 X $\frac{1}{4}$	60.7

*MINIMUM STEEL PLATE THICKNESS = $\frac{3}{16}$"

NRCS
Natural Resources Conservation Service
United States Department of Agriculture

STEEL DIVISION BOX COLORADO

(REVISED LAST ON 04–10)

		Date
Designed	CFG	4–69
Drawn	PEB	4–10
Checked		
Approved	J.E. ANDREWS S.C.E.	4–10

File Name

Drawing Name
CO–SSP–21

Sheet 1 of 1